

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
*S19	734	349/112	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/15 22:13
S20	1295	362/333 362/339	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/15 22:14
S21	1251	S20 not S19	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/15 22:14
*S22	34	roller and S21	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/15 22:22
S23	407	(concave convex protr\$4) and S21	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/15 22:33
*S24	386	S23 not S22	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/15 22:21
S25	3125	428/172	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/15 22:22
S26	886	roller and S25	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/15 22:22
*S27	886	S26 not (S22 S24)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/15 22:22

## EAST Search History

S28	32485	roller with (concave convex protru\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/15 22:34
S29	2605	roller with (concave convex protru\$4) ADJ (portion segment)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/15 22:35
*S30	6	roller with (matrix with (concave convex protr\$4) ADJ (portion segment))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/15 22:36
S31	39	roller and (matrix with (concave convex protr\$4) ADJ (portion segment))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/15 22:36
*S32	39	S31 not (S22 S24 S27)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/15 22:36
*S33	718	425/373 425/374	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 10:59
S34	2	("4,618,518").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/16 11:56
S35	41	((("2,310,790") or ("2,380,447") or ("2,481,757") or ("4,244,683") or ("4,332,847") or ("3,187,068") or ("3,649,352") or ("2,407,680") or ("3,190,178") or ("3,924,929") or ("4,025,159") or ("1,906,655") or ("4,073,568"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/16 12:00
*S36	279	156/462	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 12:17